

Acetabular System

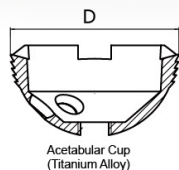
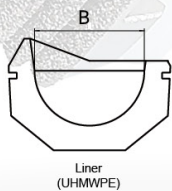
AK-AC-I-TP Acetabular Cup with Liner

- Forged Titanium Alloy Cup and UHMWPE Liner;
- Titanium-Plasma Spray porous coating;
- Taper-lock mechanism ensures durable fixation;
- High edge liner design effectively prevents dislocation;
- 3 holes allows immediate screw fixation.

Three holes design ensures immediate fixation

10-degree high wall design prevents dislocation during motion.

AK-AC-I-TP Acetabular Cup with Liner



Size Ref.	Cat. No.	Description	Cup Diameter (D)	Matched Femoral Head
42/22	1300-2242	Name: AK-AC-I-TP Acetabular Cup with Liner	43	22
44/22	1300-2244		45	22
46/22	1300-2246		47	22
48/28	1300-2848		49	28
50/28	1300-2850	Material: Titanium Alloy+UHMWPE Liner Regularly Supplied	51	28
52/28	1300-2852		53	28
54/28	1300-2854		55	28
56/28	1300-2856		57	28
58/28	1300-2858	Surface Coating: Titanium Plasma Spray Porous Coating	59	28
60/28	1300-2860		61	28
62/28	1300-2862		63	28
52/32	1300-52DZ	Matched Stem: AK-ML-TP, AK-ML-TH, AK-MP-TP, AK-MF, AK-MR, AK-SL, AK-SR	53	32
54/32	1300-54DZ		55	32
56/32	1300-56DZ		57	32
58/32	1300-58DZ		59	32
60/32	1300-60DZ		61	32
62/32	1300-62DZ		63	32

AK-AC-II-TP Acetabular Cup

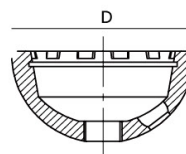
- AK-AC-II-TP system is a two pieces component design that is assembled during surgery;
- The shells utilize the innerchange locking mechanism. This unique locking mechanism helps provide a secure interface between the polyethylene insert and shell;
- The shell is also suitable for both HXLPE and Ceramic Liner.

High porous coating support better biologic ingrowth

Liner ring serration design provides stable fixation between shell and liner and minimizes micromotion

AK-AC-II-TP Acetabular Cup

Size Ref. (O.D./I.D.)	Cat. No.	Description	Matched Liner size (O.D./I.D.)	Matched Liner size (O.D./I.D.)	Matched Liner size (O.D./I.D.)	Matched Femoral Head Diameter
38/32	A2438-3832	Name: AK-AC-II-TP Acetabular Cup	32/22	-	-	22
40/32	A2438-4032		32/22	-	-	22
42/34	A2438-4234		34/22	-	-	22
44/36	A2438-4436		36/22	-	-	22
46/38	A2438-4638	Material: Titanium Alloy Regularly Supplied	38/28	-	-	28
48/40	A2438-4840		40/28	-	-	28
50/42	A2438-5042		42/28	42/32	-	28/32
52/44	A2438-5244		44/28	44/32	-	28/32
54/46	A2438-5446	Surface Coating: Titanium Plasma Spray Porous Coating from UK	46/28	46/32	46/36	28/32/36
56/48	A2438-5648		48/28	48/32	48/36	28/32/36
58/50	A2438-5850	Matched Liner: AK-L-II Liner UHMWPE	50/28	50/32	50/36	28/32/36
60/52	A2438-6052		52/28	52/32	52/36	28/32/36
62/54	A2438-6254		54/28	54/32	54/36	28/32/36
64/54	A2438-6454		54/28	54/32	54/36	28/32/36



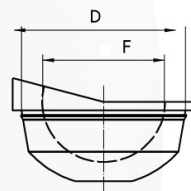
AK-L-II-Liner

- Both highly cross-linked Polyethylene and UHMWPE are available;
- The liners are designed to lock into the shell by means of a circumferential ring that engages the shell's mating groove;
- Rotational stability may be achieved when the shell's anti-rotational barbs interlock with the insert's scallops.



AK-L-II-Liner UHMWPE

Size Ref.	Cat. No.	Description	Matched Cup's Inner Dia.	Matched Femoral Head
32/22	2327-3222	Name: AK-L-II-Liner UHMWPE Material: UHMWPE (Ultrahigh molecular weight polyethylene) Regularly Supplied	32	22
34/22	2327-3422		34	22
36/22	2327-3622		36	22
38/28	2327-3828		38	28
40/28	2327-4028		40	28
42/28	2327-4228		42	28
44/28	2327-4428		44	28
46/28	2327-4628		46	28
48/28	2327-4828		48	28
50/28	2327-5028		50	28
52/28	2327-5228		52	28
54/28	2327-5428		54	28
42/32	2327-4232		42	32
44/32	2327-4432		44	32
46/32	2327-4632		46	32
48/32	2327-4832		48	32
50/32	2327-5032	Matched Cup: AK-AC-II-TP AK-AC-II-TTM-I AK-AC-II-TTM-V	50	32
52/32	2327-5232		52	32
54/32	2327-5432		54	32
46/36	2327-4636		46	36
48/36	2327-4836		48	36
50/36	2327-5036		50	36
52/36	2327-5236		52	36
54/36	2327-5436		54	36

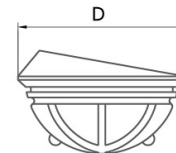


AK-L-II-Liner HXLPE

Size Ref.	Cat. No.	Description	Matched Cup's Inner Dia.	Matched Femoral Head
32/22	2329-3222	Name: AK-L-II-Liner HXLPE	32	22
34/22	2329-3422		34	22
36/28	2329-3628		36	28
38/28	2329-3828		38	28
40/32	2329-4032	Material: HXLPE (High Cross Linked Polyethylene) Customized Supplied	40	32
42/32	2329-4232		42	32
44/32	2329-4432		44	32
46/32	2329-4632		46	32
48/32	2329-4832	Matched Cup: AK-AC-II-TP AK-AC-II-TTM-I AK-AC-II-TTM-V	48	32
50/32	2329-5032		50	32
52/32	2329-5232		52	32
54/32	2329-5432		54	32
58/32	2329-5832		58	32
60/32	2329-6032		60	32
44/36	2329-4436		44	36
46/36	2329-4636		46	36
48/36	2329-4836		48	36
50/36	2329-5036		50	36
52/36	2329-5236		52	36
54/36	2329-5436		54	36
58/36	2329-5836		58	36
60/36	2329-6036		60	36

CP II Acetabular Cup

- UHMWPE;
- Monoblock cutting;
- 10 degree high wall design prevents dislocation during motion.



AK CP II Acetabular Cup

Size Ref.	Cat. No.	Description	Cup Diameter (D)	Matched Femoral Head Dia.
38/22	2300-1038	Name: AK CP II Acetabular Cup Material: UHMWPE (Ultrahigh molecular weight polyethylene) Regularly Supplied	36	22
40/22	2300-1040		38	22
42/22	2300-1042		40	22
44/28	2300-1044		42	28
46/28	2300-1046		44	28
48/28	2300-1048		46	28
50/28	2300-1050		48	28
52/28	2300-1052		50	28
54/28	2300-1054		52	28
56/28	2300-1056		54	28
58/28	2300-1058		56	28
60/28	2300-1060		58	28
62/28	2300-1062		60	28



CP Acetabular Cup

- UHMWPE;
- Monoblock cutting;
- 10 degree high wall design prevents dislocation during motion.

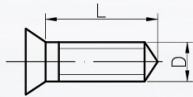
AK-CP Acetabular Cup

Size Ref.	Cat. No.	Description	Cup Diameter (D)	Matched Femoral Head Dia.
44/28	1300-1044	Name: AK-CP Acetabular Cup Material: UHMWPE (Ultrahigh molecular weight polyethylene) Regularly Supplied	44	28
46/28	1300-1046		46	28
48/28	1300-1048		48	28
50/28	1300-1050		50	28
52/28	1300-1052		52	28
54/28	1300-1054		54	28
56/28	1300-1056		56	28
58/28	1300-1058		58	28



Acetabular Cup Screw

- It is made of Ti-Alloy;
- Various sizes for different needs.



Acetabular Cup Screw

Size Ref.	Cat. No.	Description	Length (mm)	Dia.
15mm	1300-2015	Name: Acetabular Cup Screw Material: Titanium Alloy	15	6.5
20mm	1300-2020		20	6.5
25mm	1300-2025		25	6.5
30mm	1300-2030		30	6.5
35mm	1300-2035		35	6.5
40mm	1300-2040		40	6.5
45mm	1300-2045		45	6.5
50mm	1300-2050		50	6.5
55mm	1300-2055		55	6.5
60mm	1300-2060		60	6.5
65mm	1300-2065		65	6.5
70mm	1300-2070		70	6.5

Centralizer

Size Ref.	Cat. No.	Description	Inner Dia.	Outer Dia.
Universal	1100-C	Centralizer Material: UHMWPE	8	10.5



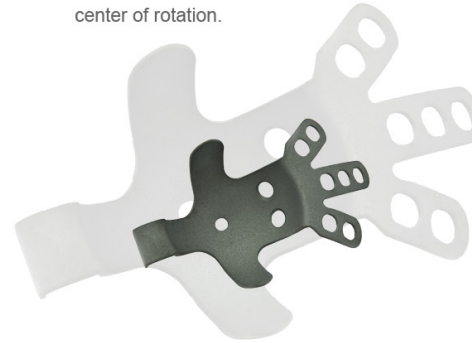
Restrictor

Size Ref.	Cat. No.	Description	Inner Dia.	Outer Dia.
Universal	1100-P	Restrictor Material: UHMWPE	3	9

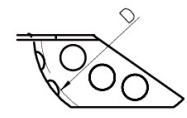


Acetabular Cage

- Pure titanium is extremely pliable, making it easy to use. The rough-blasted bone-facing surface offers excellent compatibility and enhances bone ongrowth;
- The relative position and orientation of the flanges match the anatomy of the pelvis, so the flanges require less time-consuming adaptation;
- The optimized position and orientation of the screw holes bring the screws in line with the direction of the force applied for secure initial, and long-term, stability. The large number of screw holes allows the surgeon to choose the most reliable fixation option;
- Inferior narrowing of the cage's posterior rim means that intact bone of the posterior acetabular rim can be preserved;
- The slim, pointed, upwardly curved inferior flange is designed specially for the modern technique of impacting the implant into the os ischium. Its lower placement offers optimal positioning of the center of rotation.



AK-CAGE-S1 Standard
Acetabular Metal Cup Cage



AK-RING-S1 Standard
Acetabular Metal Cup Ring

AK-CAGE-S1 Standard Acetabular Metal Cup Cage

Size Ref.	Cat. No.	Description	Dia.(D)
50#	1330-1050	Name: AK-CAGE-S1 Standard Acetabular Metal Cup Cage	50
54#	1330-1054		54
58#	1330-1058	Material: Ti-Alloy	58

AK-RING-S1 Standard Acetabular Metal Cup Ring

Size	Cat. No.	Description	Dia.(D)
50#	1331-1050	Name: AK-RING-S1 Standard Acetabular Metal Cup Ring	50
54#	1331-1054		54
58#	1331-1058	Material: Ti-Alloy	58